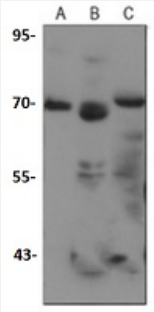
RecomAb™

SOX9 recombinant monoclonal antibody

Catalog # RAB02432 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of C6 (A), NIH3T3 (B), Hela (C) whole cell lysates with SOX9 recombinant monoclonal antibody (Cat # RAB02432).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human SOX9.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein of human SOX9.
Theoretical MW (kDa)	70
Reactivity	Human, Mouse, Rat
Specificity	Recognizes endogenous levels of SOX9 protein.
Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Purification	Immunogen affinity chromatography
Isotype	IgG
Recommend Usage	Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.

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Storage Buffer	In 50mM Tris-Glycine, pH 7.4 (0.15M NaCl, 50% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

  Western blot analysis of C6 (A), NIH3T3 (B), Hela (C) whole cell lysates with SOX9 recombinant monoclonal antibody (Cat # RAB02432).

Gene Info — SOX9

Entrez GeneID	6662
Protein Accession#	P48436
Gene Name	SOX9
Gene Alias	CMD1, CMPD1, SRA1
Gene Description	SRY (sex determining region Y)-box 9
Omim ID	114290 608160
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene recognizes the sequence CCTTGAG along with other members of the HMG-box class DNA-binding proteins. It acts during chondrocyte differentiation and, with st eroidogenic factor 1, regulates transcription of the anti-Muellerian hormone (AMH) gene. Deficien cies lead to the skeletal malformation syndrome campomelic dysplasia, frequently with sex revers al. [provided by RefSeq
Other Designations	SRY (sex determining region Y)-box 9 (campomelic dysplasia, autosomal sex-reversal)|SRY (sex-determining region Y)-box 9 (campomelic dysplasia, autosomal sex-reversal)|SRY (sex-determini ng region Y)-box 9 protein|campomelic dysplasia, autosomal sex-revers

Disease

- Cleft Lip

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- Cleft Palate
- Genetic Predisposition to Disease
- Hypospadias
- Ovarian Neoplasms
- Sex determination

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